BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Construction of Additional floor to existing Library at Vidyaranyapura Ward no.09 in Byatarayanapura Assembly Constituency

MEASUREMENT SHEET

Second & Final Bill

Client Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
		Near Stair Case									
		W	Sqm	1	1.00		1.00	1.00			
		W1	Sqm	2	1.20		1.20	2.88			
		Above Collapsible Shutters	Sqm	1	1.40		0.60	0.84			
			Sqm	1	1.40		0.60	0.84			
			Sqm		Assume 21kg/sqm			101.90			
			Kg					2139.95			
							Total Executed Quantity	**2139.95**			
							Tender Quantity	**816.48**			
							Quantity Upto 125%	**1020.60**			
							Quantity Above 125%	**1119.35**			
							Now to be Paid Quantity				
							Quantity Upto 125%	**1020.60**	**148.95**	**152019.00**	
							Quantity Above 125%	**1119.35**	**110.17**	**123320.00**	

Executive Engineer, Project Division-03, Yelahanka Zone, BBMP, Bangalore-92

A.E.E. (Project) 30/04/2023

Item No.27	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26. 7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar As per the direction of the Engineer Incharge
	Item Not Operated
Item No.28	Supplying and fixing pressed steel door frames size 125x65 mm manufactured from 1.25mm thick carbon steel or imported steel strips with mitred JOints of 900 for door openings and shutters made out of seasoned Honne wood, styles of 30 mm, thick with lock rail of 160 mm, width, top and side rails of 100 mm. width and bottom rails of 250 mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete 1:2:4
	Item Not Operated
Item No.29	Door lock, PWD SR 2018-19, SL NO-386, Pg. No.XV
Measurement Taken on	6/2/23 6/2/23

		Doors	Each	2				2.00			
							Total Executed Quantity	**2.00**			
							Modified Schedule B Qty	**2.00**			
							Now to be Paid Quantity	**2.00**	**350.93**	**702.00**	

CONTRACTOR

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

A.E.E. (Project) 30/04/2023

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Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
Item No.30		Solid Panel PVC Door Shutter : Providing & fixing 30mm thick factory made rigid foam panelled door shutters made from M.S. tube of 19 gauge thickness, size 19x19mm for styles and 15x15mm for top & bottom rails, covered with head moulded PVC channel of 5mm thick sheet & 30x50mm wide to form styles & 5mm thick & 75mm wide PVC sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet fitted as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., complete as per manufacturers specification & Direction of Engineer-in-charge fixed to frames with nos of 75 mm aluminium hinges.As per the direction of the Engineer Incharge									
Measurement Taken on		6/2/23 6/2/23									
		Gents Toilet	Sqm	2	0.85		0.90	1.53			
			Sqm	2	0.70		2.01	2.81			
		Ladies Toilet	Sqm	2	0.87		2.10	3.65			
			Sqm	4	0.70		2.00	5.60			
							Total Executed Quantity	**13.60**			
							Tender Quantity	**9.45**			
							Quantity Upto 125%	**11.81**			
							Quantity Above 125%	**1.79**			
							Now to be Paid Quantity				
							Quantity Upto 125%	**11.81**	**3033.19**	**35830.00**	
							Quantity Above 125%	**1.79**	**3033.51**	**5417.00**	
Item No.31		Supply and fixing of door frame made of hollow extruded PVC Section (Nandi or Equivalent) having dimension of 40x57mm with the wall thickness of 2mm+/-0.2mm duly reinforced with seasoned wood plank at the hinges side. The door frame top 2corners shall be metric cut/ welded.. As per the direction of the Engineer Incharge									
Measurement Taken on		11/1/23 11/1/23									
		Gents Toilet	Mtr	2	3.50			7.00			
			Mtr	2	5.42			10.84			
		Ladies Toilet	Mtr	2	5.94			11.88			
			Mtr	4	5.40			21.60			
							Total Executed Quantity	**51.32**			
							Tender Quantity	**34.20**			
							Quantity Upto 125%	**42.75**			
							Quantity Above 125%	**8.57**			
							Now to be Paid Quantity				
							Quantity Upto 125%	**42.75**	**276.74**	**11831.00**	
							Quantity Above 125%	**8.57**	**277.06**	**2375.00**	
Item No.32		Providing and fixing 304 - grade stainless steel hand rails of 14-gauge pipes for Ramps or Staircase are made out of stainless steel hallow pipes, using 50mm dia for verticals @1.60 mtr c/c are fixed to the ramps or steps by drilling with bolts and 100mm dia MS base plates 10mm gauge for fixing of Vertical pipes 4 - Nos anchor bolts & 40mm dia pipes are fixed horizontally for 2-rows top, one pipes are fixed with vertical pipes another one are fixed with elbows and 25mm dia pipes are fixed horizontally for 2-rows below top measure @ equal intervals including cutting, welding, bending wherever necessary with suitable caps @ tops, bottoms & corners finishing with mat / shining etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work. Ramps or Staircase for physically challenged									
		Item Not Operated									

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Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
		Item No.33 Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Specification No. KBS 13.22 (P.No.96, I.No.13.78 of PWD SR 2018-19)									
		Measurement Taken on 18/2/23 18/2/23									
			Nos.	1				1.00			
							Total Executed Quantity	**1.00**			
							Modified Schedule B Qty	**1.00**			
							Now to be Paid Quantity	**1.00**	**7447.98**	**7448.00**	
		Item No. 34 For roof slab & terraces Providing & applying water proofing to roof slab, terraces, landscape area, podium etc., using modified polyurethane cures (conforming to ASTM C836-84) to give a tough elastomeric waterproof membrane on the surface. The surface shall be cleaned free from dust and other particle before usage.standards & methodology : As per the direction of the Engineer Incharge									
		Measurement Taken on 18/2/23 18/2/23									
		Library Building									
		Terrace	Sqm	1	24.20	15.60		377.52			
			Sqm	1	4.95	4.80		23.76			
			Sqm	1	7.90	4.60		36.34			
		Head Room	Sqm	1	5.55	5.09		28.25			
		Senior Citizen Building									
		Terrace	Sqm	1	19.32	8.47		163.64			
			Sqm	1	1.82	0.77		1.40			
			Sqm	1	1.32	0.72		0.95			
							Total Executed Quantity	**631.86**			
							Tender Quantity	**422.23**			
							Quantity Upto 125%	**527.79**			
							Quantity Above 125%	**104.07**			
							Now to be Paid Quantity				
							Quantity Upto 125%	**527.79**	**681.75**	**359820.00**	
							Quantity Upto 125%	**104.07**	**681.75**	**70953.00**	
		Item No. 35 Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11(P.No. 79, I.No.12.5 of PWD SR 2018-19)									
		Measurement Taken on 11/2/23 11/2/23									
		Gents Toilet	Each	2				2.00			
		Ladies Toilet	Each	4				4.00			
							Total Executed Quantity	**6.00**			
							Tender Quantity	**4.00**			
							Quantity Upto 125%	**5.00**			
							Quantity Above 125%	**1.00**			
							Now to be Paid Quantity				
							Quantity Upto 125%	**5.00**	**5406.00**	**27030.00**	
							Quantity Above 125%	**1.00**	**5406.00**	**5407.00**	

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Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
Item No. 36		Providing and fixing white vitreous china clay, flat back wash basin size 550x400mm with a pair of 15mm C.P. brass pillar taps with C.I. /M.S. brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.As per the direction of the Engineer Incharge									
Measurement Taken on		11/2/23									
		Gents Toilet	Unit	2				2.00			
		Ladies Toilet	Unit	2				2.00			
							Total Executed Quantity	**4.00**			
							Tender Quantity	**3.00**			
							Quantity Upto 125%	**3.75**			
							Quantity Above 125%	**0.25**			
							Now to be Paid Quantity				
							Quantity Upto 125%	**3.75**	**3917.79**	**14692.00**	
							Quantity Above 125%	**0.25**	**4231.21**	**1058.00**	
Item No. 37		Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.(P.No. 93, I.No.13.23 of PWD SR 2018-19)									
Measurement Taken on		11/2/23									
		Gents Toilet	Each	10				10.00			
		Ladies Toilet	Each	6				6.00			
							Total Executed Quantity	**16.00**			
							Tender Quantity	**15.00**			
							Quantity Upto 125%	**16.00**			
							Now to be Paid Quantity				
							Quantity Upto 125%	**16.00**	**207.25**	**3316.00**	
Item No. 38		Providing gun metal pillar cocks 15mm dia of I class conforming to ISI specifications and fixing them in position as per directions including of cost of materials and fixtures and conveyance to spot.(P.No. 97, I.No.13.8 of PWD SR 2018-19)									
Measurement Taken on		11/2/23									
		Gents Toilet	Each	2				2.00			
		Ladies Toilet	Each	4				4.00			
							Total Executed Quantity	**6.00**			
							Tender Quantity	**2.00**			
							Quantity Upto 125%	**2.50**			
							Quantity Above 125%	**3.50**			
							Now to be Paid Quantity				
							Quantity Upto 125%	**2.50**	**263.97**	**660.00**	
							Quantity Above 125%	**3.50**	**263.97**	**924.00**	
Item No.39		Providing and fixing 600x450mm bevelLead edge mirror of superior glass with 6mm hard board backing and fixed to wooden cleats with C.P screws, washers, including cost of materials, labour complete as per specifications.As per the direction of the Engineer Incharge									
		Item Not Operated									
Item No.40		Providing and fixing C.P. brass towel rail 600 mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labour complete as per specifications.As per the direction of the Engineer Incharge									
		Item Not Operated									

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Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
Item No. 41		Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 10cms x 7.5cms .(P.No. 90, I.No.13.113.1 of PWD SR 2018-19)									
Measurement Taken on		11/2/23									
								11/2/23			
		Gents Toilet	Each	10				10.00			
		Ladies Toilet	Each	6				6.00			
							Total Executed Quantity	**16.00**			
							Tender Quantity	**10.00**			
							Quantity Upto 125%	**12.50**			
							Quantity Above 125%	**3.50**			
							Now to be Paid Quantity				
							Quantity Upto 125%	**12.50**	**735.20**	**9190.00**	
							Quantity Above 125%	**3.50**	**272.70**	**955.00**	
Item No. 42		Providing and fixing white vitreous china clay urinals with flat back of approved make fixed to wooden plugs including bends, painting white to exposed pipes etc., complete as per directions.(rate includes cost of all materials and lead). A grade.As per the direction of the Engineer Incharge									
Measurement Taken on		11/2/23									
								11/2/23			
		Gents toilet									
		First Floor	Each	3				3.00			
		Second Floor	Each	3				3.00			
							Total Executed Quantity	**6.00**			
							Tender Quantity	**4.00**			
							Quantity Upto 125%	**5.00**			
							Quantity Above 125%	**1.00**			
							Now to be Paid Quantity				
							Quantity Upto 125%	**5.00**	**927.18**	**4636.00**	
							Quantity Above 125%	**1.00**	**927.18**	**928.00**	
Item No. 43		Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes (P.No.99, I.No.13.86.3 of PWD SR 2018-19)									
Measurement Taken on		16/1/23									
								16/1/23			
			Mtr.	400				400.00			
							Total Executed Quantity	**400.00**			
							Modified Schedule B Qty	**400.00**			
							Now to be Paid Quantity	**400.00**	**319.60**	**127840.00**	
Item No. 44		Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 75mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.2 / 13.9.) (P.No. 140, I.No.13.73.5 of PWD SR 2018-19)									
Measurement Taken on		16/1/23									
								16/1/23			
			Mtr.	150				150.00			
							Total Executed Quantity	**150.00**			
							Modified Schedule B Qty	**150.00**			
							Now to be Paid Quantity	**150.00**	**649.03**	**97355.00**	

CONTRACTOR

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PMC

ASSISTANT ENGINEER

30/01

ASSISTANT EXECUTIVE ENGINEER

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Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
Item No. 45		Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia. (P.No. 90, I.No. 12.111 of PWD SR 2018-19)									
Measurement Taken on		16/1/23 16/1/23									
		Gents Toilet	Each	10				10.00			
		Ladies Toilet	Each	6				6.00			
							Total Executed Quantity	**16.00**			
							Tender Quantity	**8.00**			
							Quantity Upto 125%	**10.00**			
							Quantity Above 125%	**6.00**			
							Now to be Paid Quantity				
							Quantity Upto 125%	**10.00**	**163.62**	**1637.00**	
							Quantity Above 125%	**6.00**	**163.62**	**982.00**	
Item No.46		Open conduit system: supplying heavy guage PVC conduit pipe 19/20mm dia thick dia confirming IS 2509 with suitable size bents,junction boxes,adhesive paste etc, and fixing using inverted wood plugs in case of RCC cilling and wall sum structure are rawl plugs incase of bricks wall and cement plastering damaged portion using heavy guage saddles at am intervel of 700mm using NF screws .As per the direction of the Engineer Incharge . 25mm dia, 2mm thick									
			Mtr.								
							Total Executed Quantity	**450.00**			
							Modified Schedule B Qty	**450.00**			
							DPQ Quantity Paid in 1st RA Bill	**450.00**			
							Now to be paid Quantity	**Nill**			
Item No. 47		Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete. 4-5 way (PWD Ele. SR 2019-20 pages No.9 Item No. 3.3.2)									
Measurement Taken on		13/2/23 13/2/23									
		First Floor	Each	8				8.00			
		Second Floor	Each	8				8.00			
							Total Executed Quantity	**16.00**			
							Modified Schedule B Qty	**16.00**			
							Now to be Paid Quantity	**16.00**	**104.03**	**1665.00**	
Item No. 48		Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete.. (PWD Ele. SR 2019-20 pages No.3 Item No. 1.7.1) upto 50mm conduit in brick wall									
Measurement Taken on		17/1/23 17/1/23									
			Mtr.	300				300.00			
							Total Executed Quantity	**300.00**			
							Modified Schedule B Qty	**300.00**			
							Now to be Paid Quantity	**300.00**	**21.21**	**6363.00**	
Item No. 49		Point wiring using copper wir with switch: Supplying and wiring adopting loop system in existing PCV conduit/casing caping using copper PVC installed multi strand 2x1.2Sq m copper wire with a 6amps flush type SP control switch shall b fixd in the exisiting palastic shet/gang box th oter end of the wire shall be terminated with sufficient loose length in a wood brick complete for ach outlt. Point wiring using class A matireal. (PWD Wle. SR 2019-20, Pag No. 2.1, Item No. 2.1)									
Measurement Taken on		17/1/23 17/1/23									
			Point	30				30.00			
							Total Executed Quantity	**30.00**			
							Modified Schedule B Qty	**30.00**			
							Now to be Paid Quantity	**30.00**	**277.75**	**8333.00**	

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ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER 30/09/2023

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Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
Item No. 50		Supplying 6A flush/projected type socket and 6amps flish projected type SP switches either surface flush mounting in a existing gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required b) 6amps 3/5 way. (PWD Ele .SR 2019-20,Page No. 9,Item No.3.1)									
Measurement Taken on		13/2/23 15/2/23									
			Each	40				40.00			
							Total Executed Quantity	**40.00**			
							Modified Schedule B Qty	**40.00**			
							Now to be Paid Quantity	**40.00**	**133.32**	**5333.00**	
Item No. 51		Supplying and fixing miniature circit breakers on existing MCB distributatiob boards using necessary fixing, matirials and C type curve indicator ON/OFF energy cross -3 with short circuit breaking capacity of 10 kand complete writing as reuired .(PWD Ele.SR 2019-20, Page No.27, Item 5.17 1)Group Material A)Miniature circuit breakers a) 5 to 32 Amps									
Measurement Taken on		13/2/23 13/2/23									
		First Floor	Each	1				1.00			
		Second Floor	Each	1				1.00			
							Total Executed Quantity	**2.00**			
							Modified Schedule B Qty	**2.00**			
							Now to be Paid Quantity	**2.00**	**1732.15**	**3465.00**	
Item No. 52		2)Group Material A)Miniature circuit breakers b) 40 to 63 Amps TPN									
Measurement Taken on		13/2/23 13/2/23									
			Each	20				20.00			
							Total Executed Quantity	**20.00**			
							Modified Schedule B Qty	**20.00**			
							Now to be Paid Quantity	**20.00**	**1452.58**	**29052.00**	
Item No. 53		Chemical earthing for grounding conduits ,IC cut outs & other equipments on the meter board by using copper bonded /SS rod with earth enhencing back fill compound which is non corrossive thermally conductive ,potential to permissible limits, supirior foult condition capacity, non toxic wether resistsnce & capable achieving ohmin value less than one ohm using 4ft copper bonded rod with backfill compound (PWD Ele.SR 2019-20. Page No.44, Item no 6.19.1)									
Measurement Taken on		17/1/23 17/1/23									
			Kit.	2				2.00			
							Total Executed Quantity	**2.00**			
							Modified Schedule B Qty	**2.00**			
							Now to be Paid Quantity	**2.00**	**3908.70**	**7818.00**	
Item No. 54		Supplying capacitors type ceilling fan complete with down rod blades shakle canopies for operation on 230V 50 cycles phase AC supply confirming to ISS 374-1979 and with double ball bearing system (84/9.3)(PWD Ele.SR 2019-20, Page No.46, Item no 7.3.1)									
Measurement Taken on		13/2/23 13/2/23									
		First Floor	Each	12				12.00			
		Second Floor	Each	12				12.00			
							Total Executed Quantity	**24.00**			
							Tender Quantity	**20.00**			
							Quantity Upto 125%	**24.00**			
							Now to be Paid Quantity				
							Quantity Upto 125%	**24.00**	**2110.90**	**50662.00**	

CONTRACTOR

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

A.E.E. (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Construction of Additional floor to existing Library at Vidyaranyapura Ward no.09 in Byatarayanapura Assembly Constituency

MEASUREMENT SHEET

Second & Final Bill

Client | **Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064**

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
Item No. 55		Supplying exhaust fan of 1440 RPM of 300mm (12") size with bracket blades complete for light duty suitable to operate on 230V 50Hz, AC Supply.(PWD Ele.SR 2019-20, Page No.46, Item no 7.1)									
Measurement Taken on		13/2/23 13/2/23									
		First Floor	Each	2				2.00			
		Second Floor	Each	2				2.00			
							Total Executed Quantity	**4.00**			
							Tender Quantity	**1.00**			
							Quantity Upto 125%	**1.25**			
							Quantity Above 125%	**2.75**			
							Now to be Paid Quantity				
							Quantity Upto 125%	**1.25**	**1212.00**	**1515.00**	
							Quantity Above 125%	**2.75**	**1212.00**	**3333.00**	
Item No. 56		Supplying of recess mounting non integral type .....LED..... W luminaire comprising of pressure decast/extruded aluminium housing, with spring loaded fase ceiling clamps,Power LEDs with CCT 6500 degree K, CRI> 70%. Efficacy >100 lumen per watt, 120degree beam spread, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The lamp compartment is enclosed with anti glare opal diffuser which enhances the lighting level. LEDs are driven by HF electronic driver integrated in a separate control gear assembly., with PF > 0.95, power loss should <5% of lamp wattage., short circuit & open circuit protection to be integrated in the circuit, , THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to 275 volts. BIS Approved and Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition.(PWD Ele.SR 2019-20, Page No.26, Item no 12.6.3)									
Measurement Taken on		13/2/23 13/2/23									
			Nos.	39				39.00			
							Total Executed Quantity	**39.00**			
							Modified Schedule B Qty	**39.00**			
							Now to be Paid Quantity	**39.00**	**5656.00**	**220584.00**	
Item No. 57		Sipplyingand fixing of porcelain fuse channel with cut out on existing wooden./pannel using necessary nuts, bolts and washes etc. complete 32 amps(PWD Ele. SR 2019-20, page No. 25, Item No 5.7.2)									
Measurement Taken on		13/2/23 13/2/23									
			Each	9				9.00			
							Total Executed Quantity	**9.00**			
							Modified Schedule B Qty	**9.00**			
							Now to be Paid Quantity	**9.00**	**175.74**	**1582.00**	
Item No. 58		Wiring/Lighting/Power circuit using one of FRLS PVC insulated 1100V grade. Multistand and copper conductor single core cable in open or conceaed system of wiring as per IS 694:1990 & confirming to GTP of from group a matireal.(PWD Ele. SR 2019-20, page No.6, Item No.2.3.2,2.3.3,2.3.4)									
Measurement Taken on		13/2/23 13/2/23									
			Each	300				300.00			
							Total Executed Quantity	**300.00**			
							Modified Schedule B Qty	**300.00**			
							Now to be Paid Quantity	**300.00**	**20.71**	**6213.00**	

CONTRACTOR

RUDRAPRASAD CONSULTANTS BANGALORE PMC

ASSISTANT ENGINEER

30/01/2023
ASSISTANT EXECUTIVE ENGINEER
A.E.E. (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Construction of Additional floor to existing Library at Vidyaranyapura Ward no.09 in Byatarayanapura Assembly Constituency

MEASUREMENT SHEET

Second & Final Bill

Client | **Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064**

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
Item No. 59		ii) 2.5Sq m									
Measurement Taken on		13/2/23 13/2/23									
			Each	300				300.00			
							Total Executed Quantity	300.00			
							Modified Schedule B Qty	300.00			
							Now to be Paid Quantity	300.00	32.32	9696.00	
Item No. 60		iii) 4 Sq m									
Measurement Taken on		13/2/23 13/02/23									
			Each	300				300.00			
							Total Executed Quantity	300.00			
							Modified Schedule B Qty	300.00			
							Now to be Paid Quantity	300.00	45.45	13635.00	
E1		Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials, mortar and labours etc., complete as per specifications. -do-using silver grey granite/Multy Red/Ruby Red/Black/Hassan Green Granite of width not less than 1200mm									
Measurement Taken on		24/1/23 24/01/23									
		1st Floor									
		Hall	Sqm	1	10.80	14.50		156.60			
		Verandah	Sqm	1	7.90	4.62		36.50			
		Beside verandah	Sqm	1	1.63	1.00		1.63			
		Beside Gents Toilet	Sqm	4	1.40	0.45		2.52			
		Deducation									
		Columns	Sqm	-6	0.49	0.24		-0.70			
		Skirting									
		Hall	Sqm	2	10.80		0.10	2.16			
			Sqm	2	14.50		0.10	2.90			
		Columns	Sqm	6	1.80		0.10	1.08			
		Verandah	Sqm	2	7.84		0.10	1.57			
			Sqm	2	4.62		0.10	0.92			
		Stair Case Area									
		1st Flight (G.F To F.F)									
		Tread	Sqm	20	1.37	0.30		8.22			
		Riser	Sqm	22	1.37		0.17	5.12			
		Landing 1	Sqm	1	1.53	1.37		2.10			
		Landing 2	Sqm	1	1.50	1.34		2.01			
		Skirting									
		LHS	Sqm	20	0.30		0.10	0.60			
			Sqm	20	0.30		0.10	0.60			
		RHS	Sqm	20	0.30		0.10	0.60			
			Sqm	20	0.30		0.10	0.60			
		Landing 1	Sqm	1	1.53		0.10	0.15			
			Sqm	1	1.37		0.10	0.14			
		Landing 2	Sqm	1	1.50		0.10	0.15			
			Sqm	1	1.50		0.10	0.15			
		2nd Flight (F.F to S.F)									
		Tread	Sqm	19	1.43	0.27		7.34			
		Riser	Sqm	22	1.43		0.12	3.78			
		Landing 1	Sqm	1	1.52	1.36		2.07			
		Landing 2	Sqm	1	1.52	1.27		1.93			

2/10-23

RACTOR

RUDRAPRASAD CONSULTANTS BANGALORE PMC

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

A.E.E. (Project)

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BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Construction of Additional floor to existing Library at Vidyaranyapura Ward no.09 in Byatarayanapura Assembly Constituency

MEASUREMENT SHEET

Second & Final Bill

Client		Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064									
Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
			Sqm	1	1.40	0.50		0.70			
		Skirting									
		LHS	Sqm	19	0.26		0.10	0.49			
			Sqm	19	0.15		0.10	0.29			
		RHS	Sqm	19	0.26		0.10	0.49			
			Sqm	19	0.15		0.10	0.29			
		Landing 1	Sqm	1	1.52		0.10	0.15			
			Sqm	1	1.36		0.10	0.14			
		Landing 2	Sqm	1	1.52		0.10	0.15			
			Sqm	1	1.27		0.10	0.13			
		Near Lift	Sqm	1	1.85		0.10	0.19			
		3rd Flight (S.F to Terrace)									
		Tread	Sqm	20	1.40	0.25		7.00			
		Riser	Sqm	23	1.40		0.12	3.86			
		Landing 1	Sqm	1	1.54	1.37		2.11			
		Landing 2	Sqm	1	1.54	1.28		1.97			
		Skirting									
		LHS	Sqm	20	0.26		0.10	0.52			
			Sqm	20	0.15		0.10	0.30			
		RHS	Sqm	20	0.26		0.10	0.52			
			Sqm	20	0.15		0.10	0.30			
		Landing 1	Sqm	1	1.54		0.10	0.15			
			Sqm	1	1.37		0.10	0.14			
		Landing 2	Sqm	1	1.54		0.10	0.15			
			Sqm	1	1.28		0.10	0.13			
		Deducation									
		Door	Sqm	-1	2.05		0.10	-0.21			
		Main Door	Sqm	-3	1.40		0.10	-0.42			
		Passage	Sqm	-3	1.10		0.10	-0.33			
		Ground Floor verandah									
			Sqm	1	4.45	4.98		22.16			
			Sqm	1	4.50	1.60		7.20			
			Sqm	1	1.50	0.40		0.60			
			Sqm	1	1.05	0.14		0.15			
			Sqm	1	4.70	0.32		1.50			
			Sqm	1	2.10	0.13		0.27			
		Skirting									
			Sqm	1	4.50		0.15	0.68			
			Sqm	1	4.95		0.15	0.74			
			Sqm	1	4.95		0.10	0.50			
			Sqm	1	4.55		0.10	0.46			
			Sqm	2	1.60		0.10	0.32			
			Sqm	1	1.55		0.10	0.16			
		Deducation	Sqm	-1	1.50	0.20		-0.30			
							Total Executed Quantity	294.37			
							Now to be Paid Quantity	294.37	2484.84	731465.00	

Cl & FC
J.C. Nagar 30/04/2023
A.E.E. (Project)

RUDRAPRASAD CONSULTANTS BANGALORE

ACTOR PMC ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Construction of Additional floor to existing Library at Vidyaranyapura Ward no.09 in Byatarayanapura Assembly Constituency

MEASUREMENT SHEET

Second & Final Bill

Client Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
E2		KSRB 7.8 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour charges and HOM complete as per specifications.									
Measurement Taken on		6/2/23 6/2/23									
		2nd Floor									
		Hall									
		W	Sqm	19	1.80		1.20	41.04			
		Gents Toilet									
		V	Sqm	1	1.30		0.43	0.56			
		V1	Sqm	1	0.65		0.45	0.29			
		Ladies Toilet									
		V	Sqm	1	0.63		0.42	0.26			
		V1	Sqm	1	1.25		0.42	0.53			
		V2	Sqm	1	0.60		0.60	0.36			
		1st Floor									
		Hall									
		W	Sqm	19	1.80		1.50	51.30			
		Gents Toilet									
		V	Sqm	1	1.30		0.43	0.56			
		V1	Sqm	1	0.65		0.45	0.29			
		Ladies Toilet									
		V	Sqm	1	0.63		0.42	0.26			
		V1	Sqm	1	1.25		0.42	0.53			
		V2	Sqm	1	0.60		0.60	0.36			
		Near Stair Case									
		W	Sqm	1	1.00		1.00	1.00			
		W1	Sqm	2	1.20		1.20	2.88			
							Total Executed Quantity	**100.22**			
							Now to be Paid Quantity	**100.22**	**3636.73**	**364481.00**	
E3		KSRB15-5 : Providing rough cement plastering 15mm thick in single coat with cement mortar to brick masonry for base of dadooing works with sand of approved quality, providing and removing caffolding, including cost of materials, labour, curing complete as per specifications. – do – cement mortar 1:4									
Measurement Taken on		19/1/23 19/1/23									
		2nd Floor Toilet									
		Gents Toilet									
			Sqm	1	15.00		1.96	29.40			
			Sqm	1	4.90		1.96	9.60			
		Ladies Toilet									
			Sqm	1	15.00		2.10	31.50			
			Sqm	1	8.20		2.10	17.22			
		1st Floor Toilet									
		Gents Toilet									
			Sqm	1	15.00		1.96	29.40			
			Sqm	1	4.80		1.96	9.41			
		Ladies Toilet									

C&FC Now from 30/01/2023

A.E.E. (Project)

126.53

RUDRAPRASAD CONSULTANTS BANGALORE PMC

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Construction of Additional floor to existing Library at Vidyaranyapura Ward no.09 in Byatarayanapura Assembly Constituency

MEASUREMENT SHEET

Second & Final Bill

Client Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
			Sqm	1	15.00		2.10	31.50			
			Sqm	1	8.10		2.10	17.01			
							Total Executed Quantity	**175.04**			
							Now to be Paid Quantity	**175.04**	**230.16**	**40288.00**	
E4		KSRB 7.1 : Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM complete as per specifications. size of gate 2.4mx1.4m Specification No. KBS 7.7 / 7.12									
Measurement Taken on		6/2/23			6/2/23						
		In Terrace	Sqm	1	1.40		2.00	2.80			
		In Ground Floor	Sqm	1	1.40		2.10	2.94			
							Total Executed Quantity	**5.74**			
							Now to be Paid Quantity	**5.74**	**5689.61**	**32659.00**	
E5		PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs atthe centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses.									
Measurement Taken on		6/2/23			6/2/23						
			Sqm	1	6.70		6.00	40.20			
							Total Executed Quantity	**40.20**			
							Now to be Paid Quantity	**40.20**	**750.47**	**30169.00**	
E6		Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification.									
Measurement Taken on		10/2/23			10/2/23						
		First Floor									
		Hall	Sqm	2	24.23		3.06	148.29			
			Sqm	2	14.60		3.06	89.35			
		Deduction	Sqm	-19	1.80		1.50	-51.30			
		W	Sqm	-1	1.44		1.97	-2.84			
		MD	Sqm	-3	0.92		1.93	-5.33			
		Door Near Toilet	Sqm	1	24.23	14.50		351.34			
		Celing	Sqm	4	24.23		0.45	43.61			
		Beams	Sqm	6	14.60		0.46	40.30			
			Sqm	12	0.48		2.53	14.57			
		Columns (6nos)	Sqm	12	0.46		2.53	13.97			
			Sqm	19	1.80	0.12		4.10			
		Window Portion	Sqm	19		1.50	0.12	3.42			
			Sqm	1	1.02		1.06	1.08			
		Gents Toilet	Sqm	2	1.17		1.06	2.48			
			Sqm	1	2.12		1.06	2.25			
			Sqm	1	1.44		1.06	1.53			
			Sqm	1	0.80		1.06	0.85			
			Sqm	1	0.63		1.06	0.67			
			Sqm	1	1.28		1.06	1.36			
			Sqm								

659.69

RUDRAPRASAD CONSULTANTS BANGALORE

ASSISTANT ENGINEER

30/01/2023

A.E.E. (Project)

ASSISTANT EXECUTIVE ENGINEER

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Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
			Sqm	1	1.35		1.06	1.43			
			Sqm	1	2.40		1.06	2.54			
			Sqm	1	4.55		1.06	4.82			
			Sqm	1	1.46		1.06	1.55			
		Deduction									
		V	Sqm	1	1.30		0.43	0.56			
		V1	Sqm	1	0.65		0.45	0.29			
		Celing	Sqm	1	4.55	2.40		10.92			
		Deduction	Sqm	-1	1.44	0.13		-0.19			
			Sqm	-1	0.63	0.13		-0.08			
			Sqm	-1	1.17	0.13		-0.15			
		Ladies Toilet	Sqm	1	1.06		1.10	1.17			
			Sqm	2	1.18		1.10	2.60			
			Sqm	1	1.00		1.10	1.10			
			Sqm	1	1.37		1.10	1.51			
			Sqm	2	1.15		1.10	2.53			
			Sqm	4	1.37		1.10	6.03			
			Sqm	2	1.17		1.10	2.57			
			Sqm	1	0.85		1.10	0.94			
			Sqm	1	4.65		1.10	5.12			
			Sqm	1	1.30		1.10	1.43			
		Deduction									
		D	Sqm	-1	0.73		2.00	-1.46			
		D1	Sqm	-1	0.70		2.00	-1.40			
		V	Sqm	-1	0.63		0.42	-0.26			
		V1	Sqm	-1	1.25		0.42	-0.53			
		V2	Sqm	-1	0.60		0.60	-0.36			
		Celing	Sqm	1	2.22	4.62		10.26			
		Beams	Sqm	2	4.62	0.46		4.25			
		Deduction	Sqm	-1	1.17	0.13		-0.15			
			Sqm	-1	1.15	0.13		-0.15			
			Sqm	-2	1.37	0.13		-0.36			
			Sqm	-1	1.18	0.13		-0.15			
		Verandha	Sqm	1	8.13	4.86		39.51			
		Celing	Sqm	1	0.93		0.90	0.84			
		Parapet walls	Sqm	1	6.40		0.90	5.76			
			Sqm	1	1.44		0.93	1.34			
			Sqm	1	4.79		0.96	4.60			
		On top Face	Sqm	1	0.93	0.13		0.12			
			Sqm	1	6.40	0.13		0.83			
			Sqm	1	1.44	0.13		0.19			
			Sqm	1	4.79	0.13		0.62			
			Sqm	2	0.90	0.13		0.23			
		Side Face	Sqm	2	0.48		3.05	2.93			
		Column	Sqm	2	0.23		3.05	1.40			
			Sqm	2	8.13		0.46	7.48			
		Beams	Sqm	4	4.86		0.46	8.94			
		Stair case bottom	Sqm	1	2.40	1.37		3.29			
		1st flight	Sqm	1	1.53	1.37		2.10			
		Landing	Sqm	1	1.80	1.37		2.47			
		2nd flight	Sqm	1	1.50	1.35		2.03			
		Landing	Sqm	1	1.50	1.37		2.06			
		3rd flight									

CONTRACTOR

RUDRAPRASAD CONSULTANTS BANGALORE

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ASSISTANT EXECUTIVE ENGINEER

Asst. Executive Engineer Project Division Yelahanka Zone Bangalore-92

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BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Construction of Additional floor to existing Library at Vidyaranyapura Ward no.09 in Byatarayanapura Assembly Constituency

MEASUREMENT SHEET

Second & Final Bill

Client Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
		Lift Walls	Sqm	2	1.84		1.60	5.89			
			Sqm	2	1.84		2.40	8.83			
			Sqm	4	2.20		2.40	21.12			
		Stiar Case Area									
			Sqm	1	4.60		2.40	11.04			
			Sqm	1	3.60		2.40	8.64			
		Deducation									
		W	Sqm	-1	1.00		1.00	-1.00			
		Stair Case Waist Slab									
		1st flight	Sqm	-2	2.40	0.18		-0.84			
		Landing	Sqm	-2	1.53	0.18		-0.54			
		2nd flight	Sqm	-2	1.80	0.18		-0.63			
		Landing	Sqm	-2	1.53	0.18		-0.54			
		3rd flight	Sqm	-2	1.50	0.18		-0.53			
		Second Floor									
		Hall	Sqm	2	24.23		3.06	148.29			
			Sqm	2	14.60		3.06	89.35			
		Deduction									
		W	Sqm	-19	1.80		1.50	-51.30			
		MD	Sqm	-1	1.44		1.97	-2.84			
		Door Near Toilet	Sqm	-3	0.92		1.93	-5.33			
		Celing	Sqm	1	24.23	14.50		351.34			
		Beams	Sqm	4	24.23		0.45	43.61			
			Sqm	6	14.60		0.46	40.30			
		Columns (6nos)	Sqm	12	0.48		2.53	14.57			
			Sqm	12	0.46		2.53	13.97			
		Window Portion	Sqm	19	1.80	0.12		4.10			
			Sqm	19		1.50	0.12	3.42			
		Gents Toilet	Sqm	1	1.02		1.06	1.08			
			Sqm	2	1.17		1.06	2.48			
			Sqm	1	2.12		1.06	2.25			
			Sqm	1	1.44		1.06	1.53			
			Sqm	1	0.80		1.06	0.85			
			Sqm	1	0.63		1.06	0.67			
			Sqm	1	1.28		1.06	1.36			
			Sqm	1	1.35		1.06	1.43			
			Sqm	1	2.40		1.06	2.54			
			Sqm	1	4.55		1.06	4.82			
			Sqm	1	1.46		1.06	1.55			
		Deduction	Sqm	1	1.30		0.43	0.56			
		V	Sqm	1	0.65		0.45	0.29			
		V1	Sqm	1	4.55	2.40		10.92			
		Celing	Sqm	-1	1.44	0.13		-0.19			
		Deduction	Sqm	-1	0.63	0.13		-0.08			
			Sqm	-1	1.17	0.13		-0.15			
		Ladies Toilet	Sqm	1	1.06		1.10	1.17			
			Sqm	2	1.18		1.10	2.60			
			Sqm	1	1.00		1.10	1.10			
			Sqm	1	1.37		1.10	1.51			
			Sqm	2	1.15		1.10	2.53			
			Sqm	4	1.37		1.10	6.03			
			Sqm	2	1.17		1.10	2.57			
			Sqm	1	0.85		1.10	0.94			

1554.06

CONTRACTOR

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ASSISTANT EXECUTIVE ENGINEER

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BRUHAT BANGALORE MAHANAGARA PALIKE

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MEASUREMENT SHEET

Second & Final Bill

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Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
			Sqm	1	4.65		1.10	5.12			
			Sqm	1	1.30		1.10	1.43			
		Deduction									
		D	Sqm	-1	0.73		2.00	-1.46			
		D1	Sqm	-1	0.70		2.00	-1.40			
		V	Sqm	-1	0.63		0.42	-0.26			
		V1	Sqm	-1	1.25		0.42	-0.53			
		V2	Sqm	-1	0.60		0.60	-0.36			
		Celing	Sqm	1	2.22	4.62		10.26			
		Beams	Sqm	2	4.62	0.46		4.25			
		Deduction	Sqm	-1	1.17	0.13		-0.15			
			Sqm	-1	1.15	0.13		-0.15			
			Sqm	-2	1.37	0.13		-0.36			
			Sqm	-1	1.18	0.13		-0.15			
		Verandha									
		Celing	Sqm	1	8.13	4.86		39.51			
		Parapet walls	Sqm	1	0.93		0.90	0.84			
			Sqm	1	6.40		0.90	5.76			
			Sqm	1	1.44		0.93	1.34			
			Sqm	1	4.79		0.96	4.60			
		On top Face	Sqm	1	0.93	0.13		0.12			
			Sqm	1	6.40	0.13		0.83			
			Sqm	1	1.44	0.13		0.19			
			Sqm	1	4.79	0.13		0.62			
		Side Face	Sqm	2	0.90	0.13		0.23			
		Column	Sqm	2	0.48		3.05	2.93			
			Sqm	2	0.23		3.05	1.40			
		Beams	Sqm	2	8.13		0.46	7.48			
			Sqm	4	4.86		0.46	8.94			
		Stair case bottom									
		1st flight	Sqm	1	2.40	1.37		3.29			
		Landing	Sqm	1	1.53	1.37		2.10			
		2nd flight	Sqm	1	1.80	1.37		2.47			
		Landing	Sqm	1	1.50	1.35		2.03			
		3rd flight	Sqm	1	1.50	1.37		2.06			
		Lift Walls	Sqm	2	1.84		1.60	5.89			
			Sqm	2	1.84		2.40	8.83			
			Sqm	4	2.20		2.40	21.12			
		Stiar Case Area									
			Sqm	1	4.60		2.40	11.04			
			Sqm	1	3.60		2.40	8.64			
		Deducation	Sqm	-1	1.00		1.00	-1.00			
		W									
		Stair Case Waist Slab									
		1st flight	Sqm	-2	2.40	0.18		-0.84			
		Landing	Sqm	-2	1.53	0.18		-0.54			
		2nd flight	Sqm	-2	1.80	0.18		-0.63			
		Landing	Sqm	-2	1.53	0.18		-0.54			
		3rd flight	Sqm	-2	1.50	0.18		-0.53			
		Head Room									
		Lift Walls	Sqm	2	3.34		1.60	10.69			
			Sqm	2	1.84		2.40	8.83			
			Sqm	4	2.20		2.40	21.12			
		Head Room walls	Sqm	1	5.07		3.00	15.21			

1554.06

1764.32

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CE & FC

A.E.E. (Project)

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Construction of Additional floor to existing Library at Vidyaranyapura Ward no.09 in Byatarayanapura Assembly Constituency

MEASUREMENT SHEET

Second & Final Bill

Client: Sri. S K Keshavamurthy, #104, Sampigehalli, Jakkur Post, Bangalore-560064

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
			Sqm	2	5.67		3.00	34.02			
		Ground Floor									
		Verandha	Sqm	1	12.55		3.05	38.28			
		Wall	Sqm	1	7.20		4.86	34.99			
		Celing	Sqm	2	1.80		3.05	10.98			
		Columns (2nos)	Sqm	2	1.84		1.60	5.89			
		Lift Walls	Sqm	2	1.84		2.40	8.83			
			Sqm	4	2.20		2.40	21.12			
		Stiar Case Area									
			Sqm	1	4.60		2.40	11.04			
			Sqm	1	3.60		2.40	8.64			
		Deducation									
		W	Sqm	-1	1.00		1.00	-1.00			
							Total Executed Quantity	**1937.11**			
							Now to be Paid Quantity	**1937.11**	**91.63**	**177492.00**	

E7 Supplying of .....feet - PVC Batten with integrated LED tube .....W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition.
LED light fighting 1 x 2' - 9/10w

Measurement Taken on 6/2/23 6/2/23

1st Floor	Each	28		28.00	
2nd Floor	Each	28		28.00	
			Total Executed Quantity	**56.00**	
			Now to be Paid Quantity	**56.00**	**252.50** **14140.00**

E8 KSRB 2-1 : Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 KSRB 2-1.1: – do – Ordinary soil

Cum				
Vide Total executed Quantity from premeasuremet Page no. 02		**60.58**		
	Total Executed Quantity	**60.58**		
	Now to be Paid Quantity	**60.58**	**271.61**	**16455.00**

E9 KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1

Cum				
Vide Total executed Quantity from premeasuremet Page no. 03		**60.58**		
	Total Executed Quantity	**60.58**		
	Now to be Paid Quantity	**60.58**	**121.08**	**7335.00**

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A.E.E. (Project)

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MEASUREMENT SHEET

Second & Final Bill

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Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
		KSRB 14.9-1: Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping, under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt), including finishing cost of materials, labour, curing, complete as per specifications Specification No. KBS 14.4									
E10											
Measurement Taken on		10/1/23									
			Sqm								
		Vide Total executed Quantity from premeasuremet Page no. 04						816.87			
		Total Executed Quantity						816.87			
		Now to be Paid Quantity						816.87	688.29	562248.00	
									Total Amount	4465393.00	
									12% GST	535848.00	
									6% GST	267923.00	
									Grand Total Amount	5269164.00	

5269000-00

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RUDRAPRASAD CONSULTANTS BANGALORE

ASSISTANT ENGINEER

30/04/2023

ASSISTANT EXECUTIVE ENGINEER

A.E.E. (Project)

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